

**ABSTRACT OF THE DISCLOSURE****5           METHOD AND SYSTEM FOR ADAPTIVE CACHING IN A NETWORK  
MANAGEMENT FRAMEWORK USING SKELETON CACHES**

10           A method, system, apparatus, and computer program  
product is presented for management of a distributed data  
processing system. A network management framework  
dynamically adapts database operations so as to maximize  
system performance. A skeletonization mechanism is  
presented in which some objects are merely represented in a  
database cache as a skeleton object. A skeleton object  
15           holds only a fraction of an object's full complement of  
data; the skeleton object remains associated with its  
complete object, also termed its corresponding full object  
or non-skeleton object, which remains stored within its  
original location within a database. Skeletonized data can  
20           be updated on an as-needed or on-demand basis or when  
otherwise convenient; at that time, a skeleton handler can  
detect when a request is made for the object, retrieve the  
remaining data from persistent storage, and then mark the  
cached object as being a full object or non-skeleton object.